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मानक

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“Step Out From the Old to the New”

IS 14316 (1995): Swabs, Small, in Bag of 50 [MHD 15: Electromedical Equipment]



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“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक

फाहे — छोटे, 50 की थैली में — विशिष्ट

Indian Standard

**SWABS, SMALL, IN BAG OF 50 —
SPECIFICATION**

ICS 11.120.20

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BUREAU OF INDIAN STANDARDS
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NEW DELHI 110002

FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Surgical Dressings Sectional Committee had been approved by the Medical Equipment and Hospital Planning Division Council

Small swabs are used for dressing of wounds, cuts, etc. These are usually supplied in non-sterile condition.

In the preparation of this standard, assistance has been derived from the Joint Services Specification JSS :6510-10(Oct 1981) 'Swab, cotton wool, dental, box of 100 and Swab, small, in bag of SO', issued by the Ministry of Defence.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final, value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (revised)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

SWABS, SMALL, IN BAG OF 50 — SPECIFICATION

1 SCOPE

1.1 This standard specifies the requirements of small swabs, in bag of 50.

2 REFERENCES

2.1 The Indian Standards listed in Annex A are necessary adjuncts to this standard.

3 MATERIAL

3.1 The swabs shall be made of the following materials:

Material	Requirement
a) Gauze, surgical, loose weave, unmedicated, 60 cm wide	Conforming to IS 758 : 1988
b) Wool, cotton, absorbent or Wool cotton, non-absorbent	As specified in 5.2
Material	Requirement
c) Fine cotton thread	Variety No. 31 of IS 1720 : 1978

4 MANUFACTURE

4.1 Each swab shall be formed by enclosing cotton wool in a piece of gauze tied thread to form a ball with nipple. It shall be uniform in shape.

4.2 Fifty number of such swabs shall be enclosed in a piece of gauze and tied or stitched with fine cotton thread to form a bag.

5 TESTS

5.1 The mass of 50 small swabs shall be $65 \pm 5\text{g}$.

5.2 The cotton wool shall conform to the following requirements:

6 SAMPLING

6.1 Sampling and acceptance criteria for small swabs, in bag of 50, shall be as given in Annex B.

7 PACKING

7.1 The packing of bags, each containing 50 swabs shall be done according to the prevalent trade practice.

8 MARKING

8.1 The packages shall be clearly and indelibly marked with the following information:

- a) Indication of the source of manufacture,
- b) Number of swabs in the package,
- c) Batch number,
- d) Date of manufacture, and
- e) The words 'NOT STERILIZED' in 1.25 cm characteristics.

8.2 BIS Certification Marking

The product may also be marked with the Standard Mark

8.2.1 The use of the Standard **Mark** is governed by the provisions of **Bureau of Indian Standards Act, 1986** and the Rules and Regulations made thereunder. The details of conditions under which the **licence** for the use of Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

Sl No.	Characteristic	Requirement	Method of Test, Ref to IS
i)	pH of aqueous extract	6.5 to 8.5	1390 : 1983
ii)	Water solubles, percent, Max		3456 : 1966
	a) For absorbent cotton	0.5	
	b) For non-absorbent cotton	1.5	
iii)	Ash content (after the removal of water solubles), percent, Max	1.5	199 : 1989
iv)	Absorbency (for absorbent cotton wool only)	Shall become saturated and sink within 10 seconds	- 2369 : 1967
v)	No. of neps/kitties/g, Max	250	684 : 1962

ANNEX A

(Clause 2.1)

LIST OF REFERRED INDIAN STANDARDS

<i>IS No.</i>	<i>Title</i>	<i>IS No.</i>	<i>Title</i>
199 : 1989	Estimation of moisture, total size or finish, ash and fatty matter in grey and finished cotton textile materials (<i>third revision</i>)	2369 : 1967	Method for determination of absorbency of absorbent textile materials (<i>first revision</i>)
684 : 1962	Method for determination of nep count in cotton	2500 (Part 1) : 1992	Sampling inspection procedures : Part 1 Attribute sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection (<i>second revision</i>)
758 : 1988	Handloom. cotton gauze, absorbent, non-sterilized (<i>fourth revision</i>)		
1390 : 1983	Methods for determination of pH value of aqueous extracts of textile materials (<i>first revision</i>)	3456 : 1966	Method for determination of water soluble matter of textile materials
1720 : 1978	Cotton sewing threads (<i>second revision</i>)		

ANNEX B

(Clause 6.1)

SAMPLING AND CRITERIA FOR CONFORMITY

B-1 LOT

All the swabs of the same material and produced under similar conditions of manufacture shall be grouped together to constitute a lot.

B.1.1 Unless otherwise agreed to between the purchaser and the supplier, the procedure given in IS 2500 (Part 1) : 1992 shall be followed for sampling inspection. The inspection level, acceptable quality level (AQL) and type of sampling plan to be followed for various characteristics shall be as given in B-1.1.1 and B-1.1.2.

B-1.1.1 For mass, a single sampling plan with inspection level II and AQL of 4 percent as given in Tables I and II-A of IS 2500 (Part 1) : 1992 shall be followed.

B-1.1.2 For pH of aqueous extract, water solubles, ash content (after removal of water solubles), absorbency (for absorbent cotton wool only) and number of neps/kitties/g, a single sampling plan with inspection level S-4 and AQL of 2.5 percent as given in Tables I and II-A of IS 2500 (Part 1) : 1992 shall be followed.

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This Indian Standard has been developed from **Doc** : No. MHD 15 (2127).

Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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